

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: nwqrp@scn.org (SCN User)
Subject: [261] 3rd annual winter sprint!
Message-ID: <199511181756.JAA10443@scn.org>

QRP-L Gang,

Here is a message from NW QRP Club President Bill, N7MFB:

ANNOUNCING
The Third Annual NW QRP Club Winter Sprint

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: Aa4xx <aa4xx@nando.net>
Subject: [254] 40m Meter Beacon
Message-ID: <Pine.SUN.3.91.951118092925.21870A-100000@parsifal.nando.net>

Hi Gang,

The 40 Meter attended beacon will be running Friday, Nov. 24, and Saturday, Nov. 25 on 7004.0 KHz from 8AM-4PM EST. The power output will be 250 microwatts, or 0.00025 Watt!

Previous tests above 7050 KHz have often been clobbered by QRM--hence the move down to the low end of the Extra portion of the band, where life is usually much quieter.

At least two stations have successfully copied previous 100 microwatt beacon strings during crummy Summertime conditions. Now that 40 Meters is settling down, there is a good chance that more stations will be able to copy the micropower beacon.

The beacon message will be as follows:

VVV VVV VVV 250 uW <6 letter codeword> de AA4XX/B

Code speed will be around 10-15 wpm, and the beacon string will repeat after a 2-3 second pause. One hint about the code word--You'll know when you've got it right, because you'll laugh out loud!

A combination of antennas will be used, from omnidirectional low angle radiators to directional high angle types, in hopes of giving everybody a chance.

Every QSL confirming receipt of any part of the beacon string will receive my QSL in return. Any QSL acknowledging the correct copy of the six letter codeword will receive a special Microwatt Certificate. This is my way of wishing you all a great Thanksgiving QRP Holiday. 72, es good luck,

Paul, AA4XX Raleigh, NC (919) 779-1637

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: af840@rgfn.epcc.Edu (Chris W Brakhage)
Subject: [260] 4sale
Message-ID: <9511181754.AA28619@rgfn.epcc.Edu>

To fellow homebrewers;

I have a TEKTRONIX 455 scope for sale.

Two channel 5 mV - 5 V and 50 MHz.

A/B timebase with delay.

\$ 200.00 plus shipping (est. ~ \$40.00).

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: Jim Stafford-W4Q0 <w4qo@america.net>
Subject: [267] ARRL Handbook -best price?
Message-ID: <Pine.SV4.3.91.951118204047.26605C-100000@atl1>

Several folks replied to me that if I could put together a group purchase for the 1996 Handbook at \$30 including shipping, they wanted one. Then Steve finds the ad in QST that has an even better deal. For a total of \$28.95 you can get one mailed to you. S00000... I would like to graciously decline the management of a group purchase. So you don't have to look it up:

ARRL: '96 Handbook \$25.95
 Antenna Book \$25.95
 Op Manual \$18.95
QRZ!: CD ROM \$14.95
Callbook: US or int \$24.95 ea
 \$48.25 both
New Radio Amateur Callbook CD-ROM \$33.95

Include \$3 shipping PER ORDER -- CA residents add 7%

Check/m.o. to: D. Heise, AA6EE
 16832 Whirlwind/Q12

Ramona, CA 92065 Tel. 619-789-3674

Thanks Steve for finding this.

73/72/jim/w4qo

On Thu, 16 Nov 1995, Steven Pituch wrote:

> Page 194 of December QST has a vendor selling the 1996 Handbook for \$25.95
> plus \$3.00 shipping. Not a bad deal. A lot better than the \$38.00 list.

>

> 72/73,

> Steve

> --

>

> Steven Pituch, N2MNN PITUCH@USA.PIPELINE.COM

> Livingston, New Jersey

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From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995

From: NYOUNG@nova.wright.edu

Subject: [272] Collins KWM2A &c

Message-ID: <01HXT2UKGXUS8WYQLU@nova.wright.edu>

I got the Fair Radio inter-catalog flier the other day and was amazed to see that they have what used to be standard issue MARS station Collins gear for sale. I figured that the entire package would cost about \$1300, shipping not included.

They have: KWM2A Collins transceivers (the ones that look like the old S-line, but which have a little switch on the band switch knob area for slipping into non-ham (or post WARC) bands. Very nice stuff. Used 'em a lot when I were a salty dog, matey.

30L1 Collins linear amps (the grounded grid doodads that I think were covered in a not too long ago issue of CQ magazine. Very nice stuff. Damn near bullet proof).

Speaker/Power supply box (not really that big a deal, but if you're gonna fly Collins, you may as well spring for one).

Station Console (with the phone patch and the SWR meter and all that stuff. We used 'em all the time. Even on the Saratoga we had this set up and it was nice. Call anywhere on the ship and patch 'em through to Mom and Pop. Or girlfriends. Whatever.)

Just thought someone might be interested. I would be, if I could save up 1300 dead presidents real quick before everyone else buys up the stock. If only for the memories.

73
Nils
WB8IJN &c

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: Jim Stafford-W4QO <w4qo@america.net>
Subject: [269] FS: INDEX LABS QRP+>\$499/obo (fwd)
Message-ID: <Pine.SV4.3.91.951118215054.1662B-100000@atl1>

FYI--->Saw on rec.radio.swap.

73/72/jim/w4qo

----- Forwarded message -----
From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: NYOUNG@nova.wright.edu

Subject: [270] GRC 109: The adventure continues
Message-ID: <01HXT2BU0UMM8WYQLU@nova.wright.edu>

Ok, so I sneaked out of the house, went off to Lima, bought the three boxes of stuff, brought 'em home, went to the book store (they had a sale) and got 23% off the outrageously single-minded rhetoric & linguistics books that I'd ordered and came home and took a nap.

Then I woke up, sneaked the boxes into the radio shack (it is a shack... actually, it was an outhouse once) and checked out the stuff.

Receiver worked at turn-on. I didn't think it was working at first -- and still have to check out the power switch -- 'cause I forgot that tubes have to warm up. Tunes where it otter. Does what it's supposed to. Very simple and compact.

Transmitter was interesting: there's no power switch. Once the plug goes into the power supply, it's on. Tried a bunch of xtals and checked for multiplier operation. Worked good. Worked nice. Very clear, clean keying... at least on the three other radios that I monitored with.

But there's a few catches:

1. No receiver mute. The transmitter signal is so loud in the rx earphones that even with the volume turned all the way down, it's still loud enough to blow out yer ears.
2. No antenna changeover. Actually, I should get used to that, since it's basically the same circuit that's in the NN1G trx kits that Dan's used to sell... Coil and cap and two diodes back to tail. (Actually, I was surprised to see that in this radio, since the power supply has those old finned selenium rectifier doodads in it. Diodes... might be early versions [and we'll never know how efficiently so] of 1N914s or something.)
3. Weird xtal holes. Well, at least they were weird for me. One set is for what I believe is the older FT 243 cases and the other set is obviously for some kind of European size stuff... or the old mounts with the round boxes for the xtal inside. Whatever, I had to make a modified plug to take the tiny little ones that I have. (And I ain't got many... at least for ham bands.)

But I did get a power supply that has a line voltage monitor meter in it. That's pretty neat. And the two

boxes did work straight off the shelf. So it was a good deal. Now there's only a couple things to modify. (Yes, I said modify. What do you think this is? Appliance operation?)

1. I gotta figger a way to mute the rx and change the antenna over more efficiently. That and a sidetone what don't split my ears.

2. I gotta figure out where I can get FT 243 style crystals... or figure out how to make a tiny little VFO. (Hmmm... the Oner VFO is tiny, no?)

So there. Save up \$127.20 and figure in some shipping costs and send the money to Fair Radio Sales and get three boxes that look like you're planning an invasion. It was worth it. So there.

73
Nils
WB8IJN &c

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: Gateway@BayNetworks.com (Gateway)
Subject: [252] NDN: QRP-L digest 183
Message-ID: <3707891710.8946629@BayNetworks.com>

Sorry. Your message could not be delivered to:

Leslie Dodd,Wellfleet London (The name was not found at the remote site.
Check that the name has been entered correctly.)

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: PB13128@deere.com
Subject: [265] NOTE 11/18/95 17:30:45
Message-ID: <DACDXX21.PB13128.594530170095322FDACDXX21@TCP30.DX.DEERE.COM>

From: Peter Beedlow, NN9K

Subject: Fox schedule--week of 19 November

I am the fox, or one of the foxes, the week of 19 November. I will operate as follows:

ALL TIMES AND DATES ARE UTC!!

22 November 0100 to 0130--between 7.110 and 7.120 depending on
broadcast QRM

0130 to 0200--between 7.040 and 7.045 depending on QRM

0200 to 0230--between 7.110 and 7.120 again depending on
QRM

0230 to 0300--between 7.040 and 7.045 again depending om QRM

Please once I have your call don't keep sending it (and I know mine), just
send the missing information ie; RST and State or Province.

Tnx es GL.

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995

From: km@PACT.ORG.PE (Kris Merschrod)

Subject: [259] On OMs by an XYL of a YM

Message-ID: <m0tGqoc-000AplC@rcp.net.pe>

OK, Guys

As for me it has to be ALL or NOTHING. I rather have him in my arms
than in the shack. If I ever have to choose between having him in the
shack instead of him chasing women, I would rather NOT HAVE HIM AT
ALL!

Stella

KA20XG

obQRP from OA4DBO

The subject seems to be QR0! How many XYLs read the list?

Kris

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: N8CQA@aol.com
Subject: [263] Pacificon '95 Pics
Message-ID: <951118150851_110201265@emout05.mail.aol.com>

Gang - Look on the back cover of the 12/95 Worldradio for a picture of KI6DS and the QRP booth (upper right). Guess Doug was really there!

72/73 Buck

Buck Switzer, N8CQA, Marysville, MI
Home (810)364-9640 Fax(810) 364-8179
N8CQA@aol.com / am441@detroit.freenet.org

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: dmedley@indirect.com (David Medley)
Subject: [257] QRP Kits
Message-ID: <199511181628.JAA11838@bob.indirect.com>

I am a newcomer to this list and would like to participate in QRP experiments etc. I live in Tucson AZ. I have been an active ham for 60 years. I would appreciate some info about QRP kits and any recommendations as to which are the best. From what I have read most kits are single band jobs although I have seen I think mention of dual banders. I am an experienced kit builder and home brewer so complex kits are no problem.

I look forward to an interesting time on this list.
73 de Dave KI6QE/VK2IMJ

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: BOB.LIESENFELD@hamlink.mn.org (BOB LIESENFELD)
Subject: [266] QRP KITS
Message-ID: <816721319.AA04296@hamlink.mn.org>

Hi dave, you posted a request for others ideas on QRP rigs, so here's mine. I have built some of the Ramsey rigs as well as a few Oak Hills Research kits. I prefer the units from OHR.

I have an OHR Classic, which is a 2 band (40 & 20) xcvr. It is a easy to medium level kit, and went together with little trouble. I would recommend it highly.

There are *many* people out there producing kits now for the QRP crowd, a real change from say 5-10 years ago.

NorCal has a very FB reputation for good kits as well. I'm sure you will get many posts on this.

Best of luck, and feel free post me if you have questions.

72 Bob WB0POQ

Technology is OUT of control.....

---NoSnail v1.17

HAM>link< RBBS - Serving the Amateur Radio Community Since 1983

- 612/HAM-0000 v.34

Ham Radio Spoken Here!!

- 612/HAM-1010 v.32b

Reply to sender @ hamlink.mn.org

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [271] SWL GM-20 Kit
Message-ID: <199511190507.FAA03452@chuck.dallas.sgi.com>

Gang,

Well, Friday on the way home stopped at the mail box.

Yep, there is was. A Small Wonders Labs Green Mountain-20

20M Single band Superhet Transceiver Kit from NN1G, Dave

Benson.

Since Phyllis was outta the house doing charity work all day Saturday I had some time to kill :-), so off to work on the kit. In about 7 hours had the board parts all on and the Heterodyne L0 aligned. Fired up the first time without a hitch.

The quality of the kit is first rate. Double sided green solder mask with white silkscreen and plated through holes for the PC board. 3.5"x5.0", maybe about 1/16" more.

The kit costs \$72 postpaid from NN1G (see callbook) and archives for more info. He has 20M and 30M (mine's in the mail as we speak) kits available.

I wrote down each step (thus the additional time to complete the kit) that I took in assembly and will enter them into the computer Sunday morning or so. If anyone has a GM-20 yet to be built let me know and I'll email them to you. I found some stuff that might help you and keep you from bumping in to critters in the night.

13 toroids with total turn count at 158 and I counted every one of them twice. :-) But I'm an expert on winding those puppies anyway and I don't mind. Hey, took a ribbon at the TX state fair for my first latch rug. :-)

I will have a technical report as soon as I get the prototype case for it on Monday and get it installed. For those who have been asleep and not taking notes:

- o Green Mountain - 20 from NN1G, a.k.a. Small Wonders Labs
- o Transceiver Kit for board parts only. You need case, connectors (but kit has 0.1" headers with connectors and wire harnesses already done for you) and hardware to get it into an enclosure.
- o Doubly tuned front end to NE602 RF mixer
- o 8.0MHz IF with four crystal filter
- o MC1350 IF amp
- o LM380N-8 audio amp
- o 2SC799 PA with 3W out at max level for this kit (will let you know about final output)
variable resistor pot on board to lower output to 0.5W
- o RIT on board
- o QSK solid state keying
- o 3.5x5.0" board with parts on board included in kit
- o many more to be detailed in review form for the group

Dave says not recommended for rank beginner due to 'cozy parts layout', and the board is crowded in a couple of places. If you need help, I have a step by step sequence of parts insertion to minimize getting caught trying to put a small cap in between two crystals and not much room to do it in. Also have some typos that Dave will get fixed in short order, but for the eager beavers like myself, I think these will help. Send me email if you bought a kit.

BTW:

I didn't get the microphone for the SS this weekend. May try 10M tomorrow if it is open.

Film at 11

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: JKXM17A@prodigy.com (KENNETH A SMITH)
Subject: [256] Thursday Fox stuff
Message-ID: <013.05065139.JKXM17A@prodigy.com>

I want to add my agreement with Paul Harden's appreciative comments about AA0XZ's performance as the fox on Thursday.

Greg kindly published his operating schedule well in advance and prudently set it up with time given in both UTC and CST: it was clear and simple and I would recommend it as a model for all future schedule postings.

Like Paul I was astonished to learn that Greg is only a 6 month ham. He handled the pileup like a veteran.

I caught and released the fox with only two calls from my skimpy QRP station consisting of an Argonaut 515 into a half-sized G5RV which, because of restrictions, lays out flat on my roof shingles at about 15 feet. Propagation and a good fox made up for rest of the losses. Nice work, Greg. 73, Allen - AA0YU

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: km@PACT.ORG.PE (Kris Merschrod)
Subject: [258] Verticals - Butternut experience
Message-ID: <m0tGqod-000AqQC@rcp.net.pe>

My HF-5V has been in many sites and always seems to do a good job.
I've never tried tuned radials, just put the best ground to the bease
that I could:

barbred wire around a compound 1500', three stands
the metal beams and galvanized roof on an apartment building (up
6 floors)
the re-rod in the presernt concrete building (up 17 floors)
On a chimney with bandiron mounting brackets, and
A balcony iron railing which was set into the cement building.

I think that the present set up is the best so far because of the
height (it is more than a 1/4 wave on 160 meters above the street).

I've added a 30 meter coil to it and it does nicely.

Yes, band width on 80 is narrow, but it covers the whole
band on the rest (not 12 nor 17mtrs).

On the small coil at the base between ground and the feed. I've
fiddled with that at each of the locations and it never seems to make
much difference on the SWR.

For DX compared with a 15 meter dipole on the 15 Meter band,
there seldom was any notable difference. Of course with a 2 or 3
element Quad on 15 or 40 meters the Butternut was off! But that would
be expected.

The grounding is important. In the present location I tested
with the re-rods vs. just a clamp to the concrete. The resonant
frequency dropped 300 KCs (on about all bands) when hooked to the re-
rods and the SWR at the dip was 1.1 rather than closer to 2:1.

On Gaps. I've worked hams with Gaps from DX locations. They
have been strong and in a few cases we did comparisons with dipoles.
The GAP was better.

I agree with the general ideas presented -- more radiator surface
the better, higher the better, unonbstructed the better, more ground
the better, fewer coils better, steer clear of traps, feed it higher.
If we had our choices and the bank roll we'll probably have 6
element quads on all bands (folks up north would include wire heaters
to keep off the ice!), but in the meanwhile I'm in there with my no

gain Butternut looking for the fox.

P.S. the butternut breaks down into a six foot package and the customs guys always nod knowingly and offer me good luck on fishing!

Kris
OA4DB0

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: David Johnson <djohnson@acpub.duke.edu>
Subject: [262] Yikes, more books?
Message-ID: <Pine.SOL.3.91.951118132956.26332A-100000@godzilla5.acpub.duke.edu>

K7YHA suggested that you need buy a handbook only every 5 years ?

Last one I purchased was 1975, the year I was first licensed! Egads, I have enough books!

Of course, the above is really "tongue in cheek". I keep up with projects and circuit designs through all the ham magazines and club newsletters I receive. But I don't think the laws of physics have changed much since 1975, so the basic info there is likely to still be valid :-)

Hey I gotta run and fix up my 160m inverted L. See you on the TOP BAND (QRP of course!).

Dave

David W. Johnson	QRP ARCI 6546
Amateur Extra WA4NID. Low power enthusiast!	G-QRP 4864
email: djohnson@acpub.duke.edu	NorCal 355
packet: WA4NID@KB4WGA.#DUR.NC.USA.NOAM	TSRAC 3482

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: Jim Stafford-W4Q0 <w4qo@america.net>
Subject: [268] Re: ARRL Handbook -best price?

Message-ID: <Pine.SV4.3.91.951118210116.26605G-100000@atl1>

Darn, I missed that message that said there was a typo. It really seemed too low compared to the other prices, but sent out the message anyway as it was too late to call. Oh well, I am still gonna have to think about my offer as I suspect it could be a lot of work. Right now I get a %25 discount --- so that would be \$28.50 and I guess I can't really mail for \$1.50, so let me think about this some more.

73/72/jim/w4qo

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: Dennis / WR4i <wr4i@nando.net>
Subject: FS: INDEX LABS QRP+>\$499/obo

Index Labs QRP+ for sale. 5w (or less)/all bands+.5 >30mc gen coverage.
built in keyer/LCD display/SCAF digital filter.

10 months old. Still under warrenty. EC. \$499/obo

73,
Dennis,WR4i
Chapel Hill,NC
919.933.7889

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: Phil Wheeler <pcw@netcom.com>
Subject: [253] Re: Gap Vertical
Message-ID: <Pine.3.89.9511180645.A1876-0100000@netcom8>

I recently installed and used a GAP Titan DX here in California. On bands where I could I compared it with a G5RV and a trap dipole.

On 75m the G5RV clearly outperformed the GAP. On 40m the three antennas were about equal. On 20 meters the dipole was best, GAP second and G5RV third. I did no comparisons on 15m nor 30m (G5RV did not load well on 30 in my setup ... length of coax or something).

These were not scientific tests, by any means. And, of course, location, etc. will affect all antennas. BUT my results were remarkably in synch

with the test data reported in the Jan 1995 QST review of the GAP Challenger. Note that a discussion just following the review questions some of the theoretical basis of GAP-type antennas.

My purpose in buying the GAP was to provide a separate all-band antenna system for my second station (a TS-50S/AT-50 in my living room, when not used as my mobile station), for use during a period of recovery from surgery. I particularly needed 75 meter capability for a net I work there. The GAP did not do the job on 75, and has been replaced by a 75 meter dipole. I've also installed a remote coax switch so I can use my antenna system in either location ... providing a total solution, without using the GAP (which has been re-packaged and sold).

Overall, the GAP is a well-designed antenna (solid construction, easy to assemble, low in space requirements, etc.). It required NO tuning to get satisfactory SWR on all bands -- and readily met all specs. GAP personnel were very helpful when I had some questions (manual is confusing/misleading in some areas). I would guess that it will perform about as well as other all-band verticals. But these antennas are compromises.....there is NO magic (e.g., a 25 ft vertical antenna is not going to do as well as a well-loaded >100 ft wire on 75/80, all other things being equal).

Phil (pcw@netcom.com)
aka w6tuh

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: Phil Wheeler <pcw@netcom.com>
Subject: [255] Re: HF Verticals?
Message-ID: <Pine.3.89.9511180725.A1876-01000000@netcom8>

I can vouch for low noise with the GAP. Had an old Hustler all-band (pre-WARC) vertical, and it had terrible noise. Replaced it with a trap dipole in same location and that was a major improvement. GAP Titan gives a bit more noise than the dipole, but much less than the older vertical.

Phil (pcw@netcom.com)
aka w6tuh

On Fri, 17 Nov 1995, Nick Franco wrote:

> I've been on this list for some time now and have heard a lot of
> comments about the new GAP Titan.. Sounds like a great antenna. They
> advertise low noise. Is this really true?
>

> I haven't heard anyone ever mention the MFJ 1798 10 band no radial
> vertical. Does anyone have one??? For \$249. in the AES catalog, it
> looks like a good deal. I just never heard any practical reports of
> experiences with it. I don't really care about 6 meters personally
> but the overall antenna sounds like they put a lot of thought into
> the design. I like the idea of the "no radial" approach. I want to
> mount whatever vertical I get on the chimney or roof without wires
> draped all over the place (my XYL is nothing like Mike's - or even
> Ernie's for that matter - hi hi).
>
> So what's the story gang. How do you all feel about no radial
> verticals?
>
> 72,
> Nick - KF2PH
>
> _.. . _.. _.. _.. _.. _.. _.. _.. _.. _.. _..
> Nicholas J. Franco Systems/Network Support
> RHIC Project Building 1005, UPTON, N.Y. 11973-5000
> tel: (516) 282-5467 fax: (516) 282-3674
> Ham Call: KF2PH QRP-NE # 349
>
>

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: faunt@netcom.com (Doug Faunt N6TQS +1-510-655-8604)
Subject: [264] Re: [230] ARRL 1996 Handbook
Message-ID: <199511182252.0AA16543@netcom22.netcom.com>

If you're a Californian, you can possibly get a better deal (no tax)
from JWO Services, johnw3is@aol.com, 717-731-4747 fax 717-730-9373.
He quoted me \$34.50 for a '96 Handbook and the 5th edition
Operationing Manual at \$20., handling \$0.40, shipping by USPS at \$4.86
for both. He carries a good selection of books and teaching
materials, and can get odd items (like various proceedings) from the
ARRL at good prices. He also has a few 1995 Handbooks for \$21., also.

I've gotten a fair amount of books from him, and his service has
always been good.

73, doug